

Title (en)
PARTIALLY POLYMERIZED MIXTURE OF DIETHYLENE GLYCOL (ALLYL CARBONATE) COMPOUNDS

Title (de)
TEILWEISE POLYMERISIERTE MISCHUNG VON DIÄTHYLEN GLYCOL (ALLYL CARBONAT)

Title (fr)
MELANGE PARTIELLEMENT POLYMERISE DE COMPOSES DE DIETHYLENE-GLYCOL (CARBONATE D'ALLYLE)

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Application
EP 98963281 A 19981216

Priority
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• US 66197 A 19971230

Abstract (en)
[origin: WO9933887A1] A polymerizable, liquid, substantially gel-free composition comprising a partially polymerized mixture of ethylenically unsaturated compounds wherein: (a) the mixture of ethylenically unsaturated compounds which was partially polymerized comprised a mixture of diethylene glycol (allyl carbonate) compounds each represented by Formula (I) or by Formula (II), in which n is a positive integer, m is a positive integer, and the diethylene glycol (allyl carbonate) compound for which the value of n is 1 constituted from 25 to 75 area percent of the mixture of diethylene glycol (allyl carbonate) compounds; and (b) the ethylenic double bond utilization of the polymerizable, liquid, substantially gel-free composition is at least 3 percent. The polymerizable, liquid, substantially gel-free composition exhibits low shrinkage in the mold when polymerized.

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